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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/531,735 | 03/21/2000 | Shalom Levin | EPLC/03 | 7129 |

7590 05/18/2004

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EXAMINER

KOVACS, ARPAD F

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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3671

DATE MAILED: 05/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/531,735

Applicant(s)

LEVIN ET AL.

Examiner

Árpád Fábián Kovács

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 9-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 9-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim(s) 9-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Weber (3670413).

In re independent claims 9 & 12, Weber discloses as also shown in the marked up figures below, a lawnmower blade assembly comprising:

a shaft (15) configured to be rotatable with a motor (10);

a stub (19, 20) in communication with the shaft (fig 2);

a blade (12);

a receiver (22) coupled to the blade (fig 4, 5), the receiver including a receiving portion (13) and at least a plurality of flexible members (13) configured for moving between outward and inward positions for engaging and retaining the stub in the receiving portion (fig 2) in a releasable engagement, the flexible members ends configured such that pressure thereon moves the flexible members outward, allowing for at least the disengagement of the blade from the stub (as the top ends of flexible members of the receiving portion is moved outwardly the receiver is released from the stub shaft);

in re claim 10, the shaft, stub, blade, receiver are coaxial (see fig 2);

in re claim 11, the outer surface of the stub where the receiving portions's inner surface engages allows a sufficient but minimal amount of rotation play for the blade (see fig 2, the receiving portions on the outer surface of the shaft at ref 19, allows minimal rotation since it is not secured to the stub shaft, but rather pressure of the receiving portions keeps it engaged with the shaft);

in re independent claim 12, Weber discloses a lawnmower blade assembly comprising:

a shaft (15) rotatable with a motor (10);

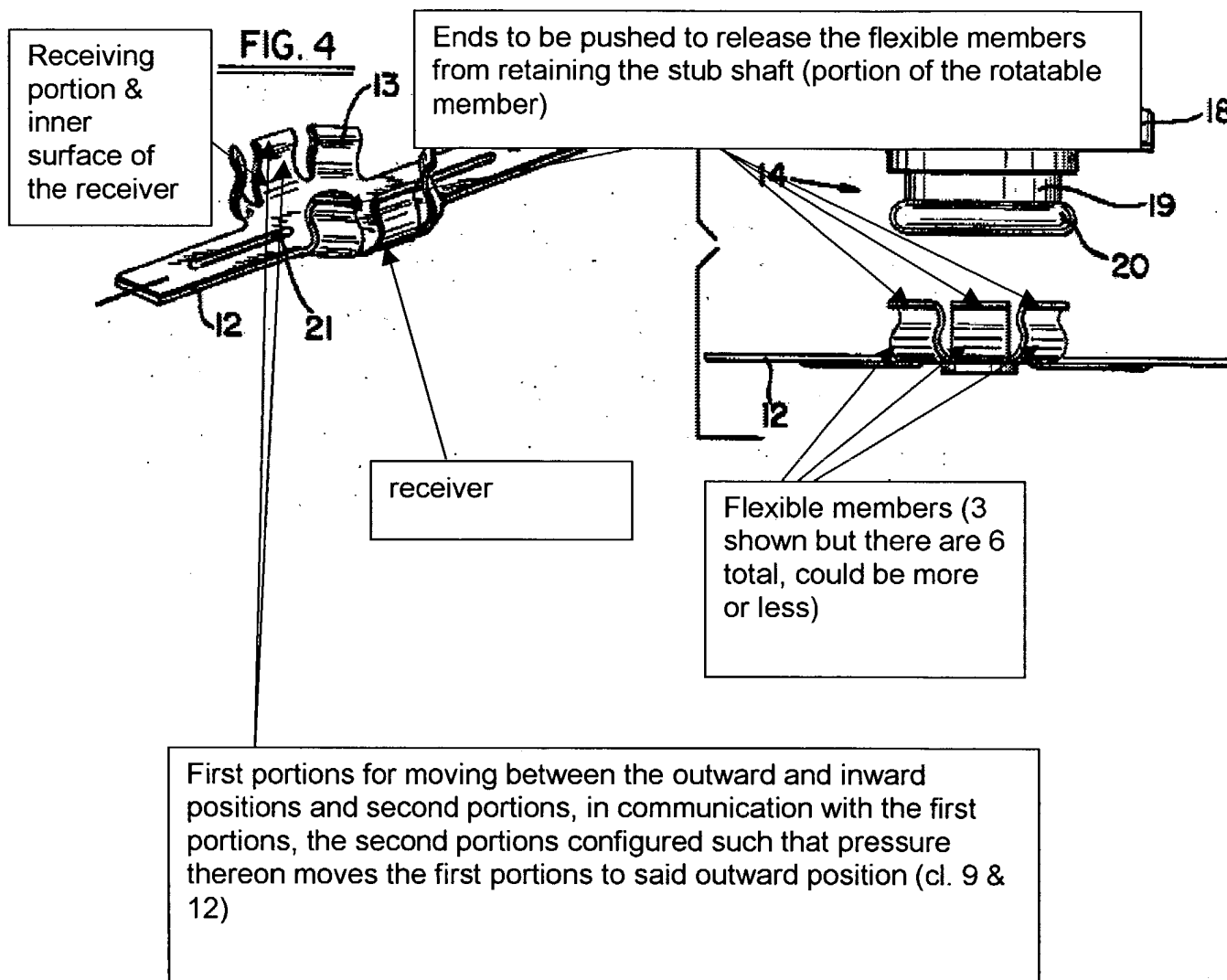
a stub (19, 20) in communication with the shaft (fig 2);

a blade body (12) including oppositely disposed cutting portions (fig 6, blade 12 having oppositely disposed cutting portions) and a platform intermediate the cutting portions (as best shown on fig 4, the receiver is placed between the oppositely disposed cutting portions or in the middle of ref 12);

a receiver (22) coupled coaxially to the blade (fig 4, 5), the receiver including a receiving portion (13) and at least a plurality of flexible members (13) configured for moving between outward and inward positions for engaging and retaining the stub in the receiving portion (fig 2) in a releasable engagement, the flexible members including ends configured such that pressure thereon moves the flexible members outward, allowing for at least the disengagement of the blade from the stub (as the top ends of flexible members of the receiving portion is moved outwardly the receiver is released from the stub shaft);

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in re claim 13, the flexible members (or spring clips 13) are spring like (i.e. can be pushed outwardly to disengage the stub shaft and when released it will press against the stub shaft; col. 2, line 18).



Response to Arguments & Amendments

3. Applicant's arguments & amendments to the claims filed 8/20/2003 have been fully considered but they are not persuasive.

Applicant's argument on page 6, 3rd paragraph, appears to recite that Applicant's "said ends in communication with said engaging portions" should be interpreted differently since the Applicant stated, that Weber's "ends and inwardly curved portions of the spring clips 13 are the same structure, and not in any way in an operative relationship with each other." It is unclear how Applicant's structural difference as maybe suggested in the Applicant's arguments would be recited in claims 9, and 12, since currently the following is recited in the claims: "ends in communication with said engaging portions" and this feature is clearly shown as marked up the drawings above, and the ends are in clear communication with the engaging portions.


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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ~~Árpád Fábri Kovács~~ Árpád Fábri Kovács whose telephone number is 703-308-5897. The examiner can normally be reached on Mo-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas B. Will can be reached on 703 308 3870. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Árpád Fábri Kovács
Primary Examiner
Art Unit 3671

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